

Figure 1

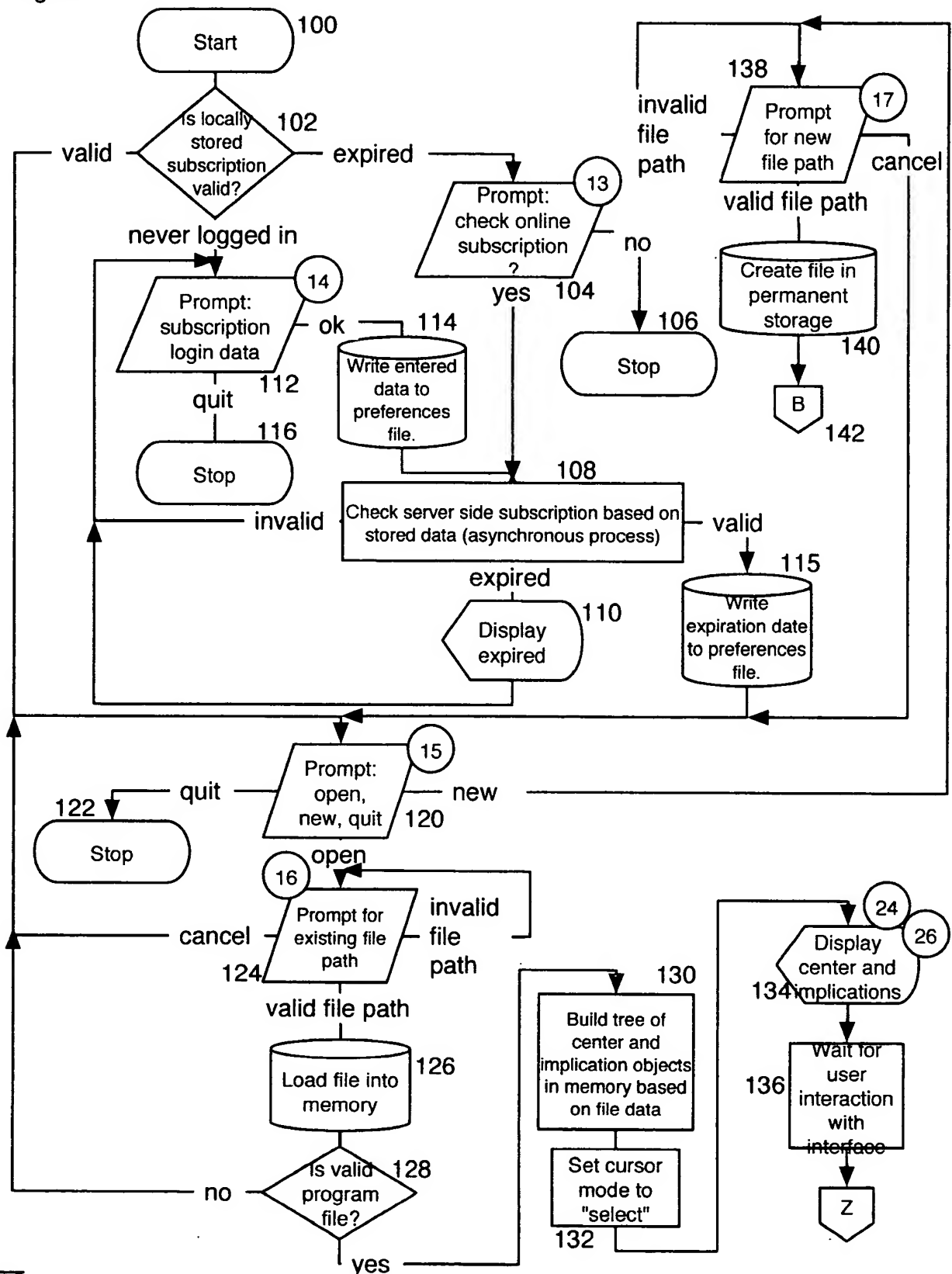


Figure 2

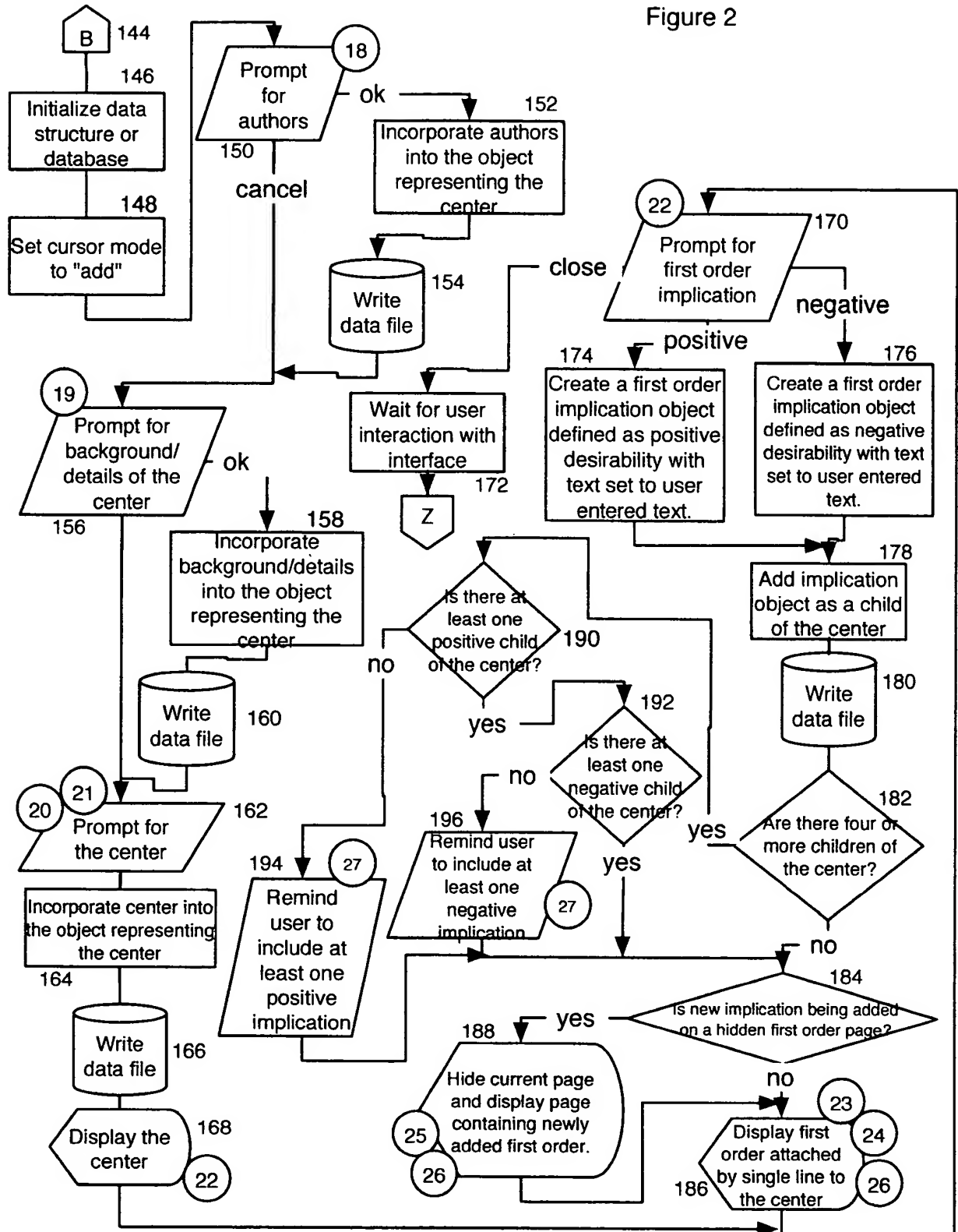


Figure 3

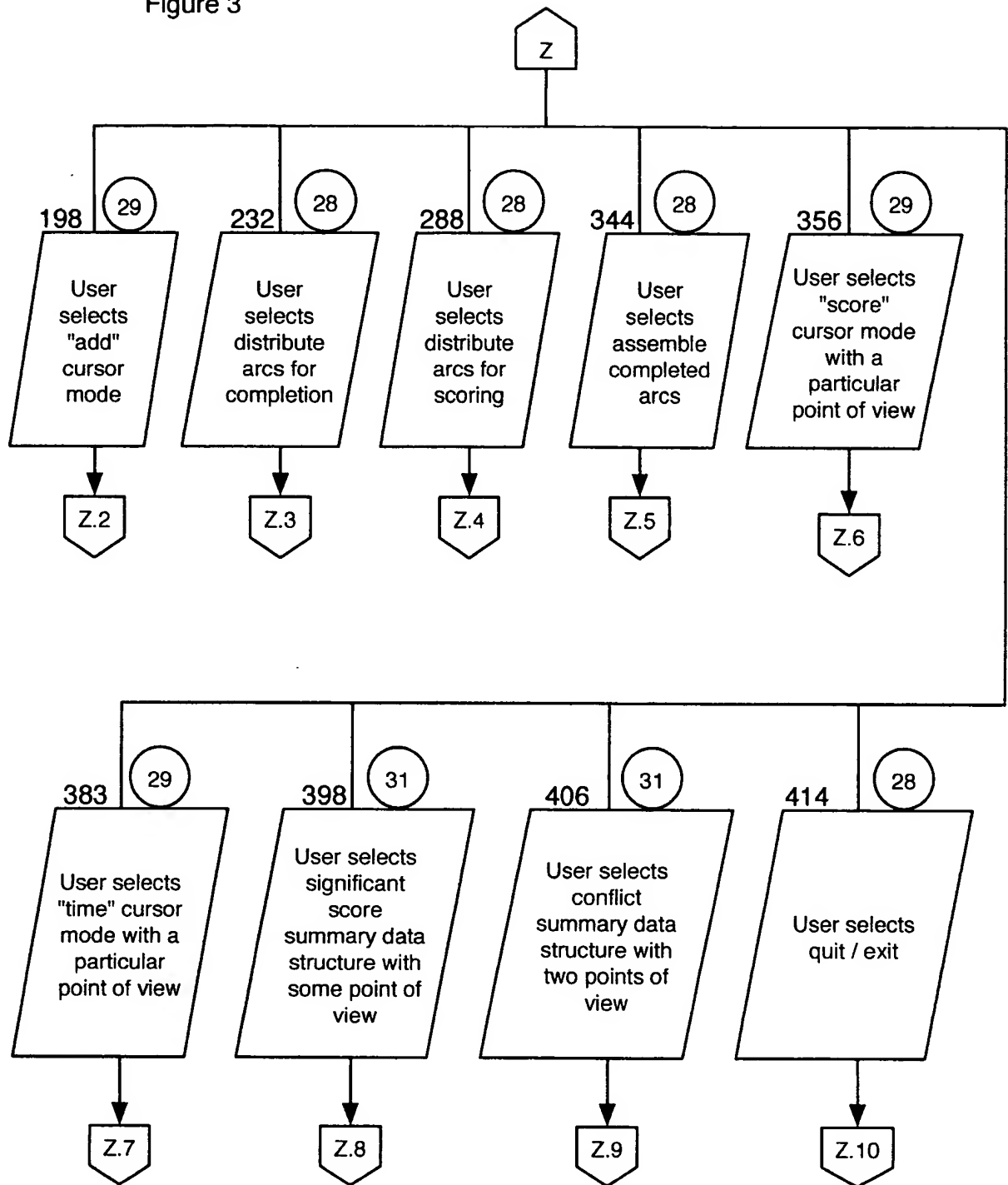


Figure 4

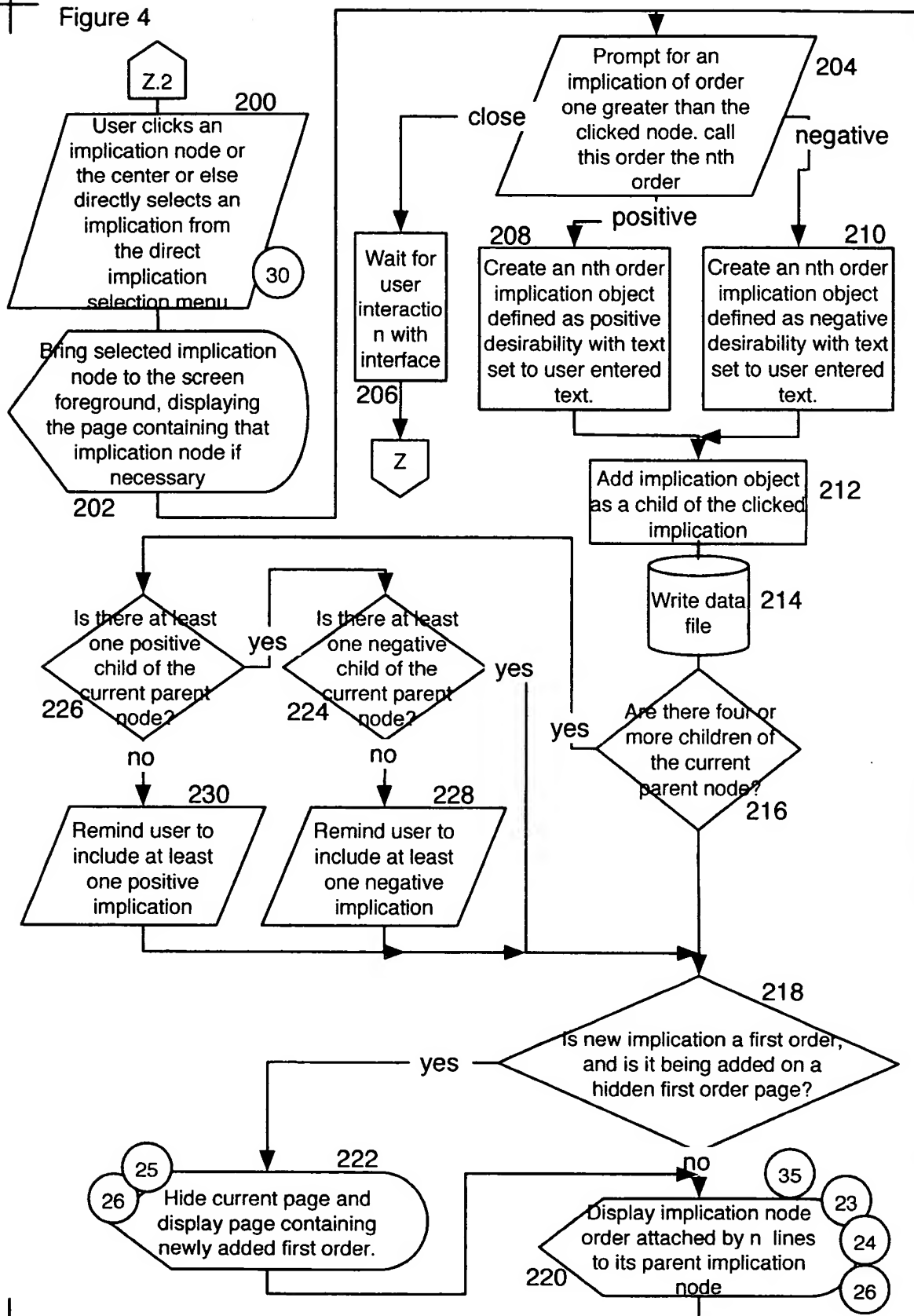
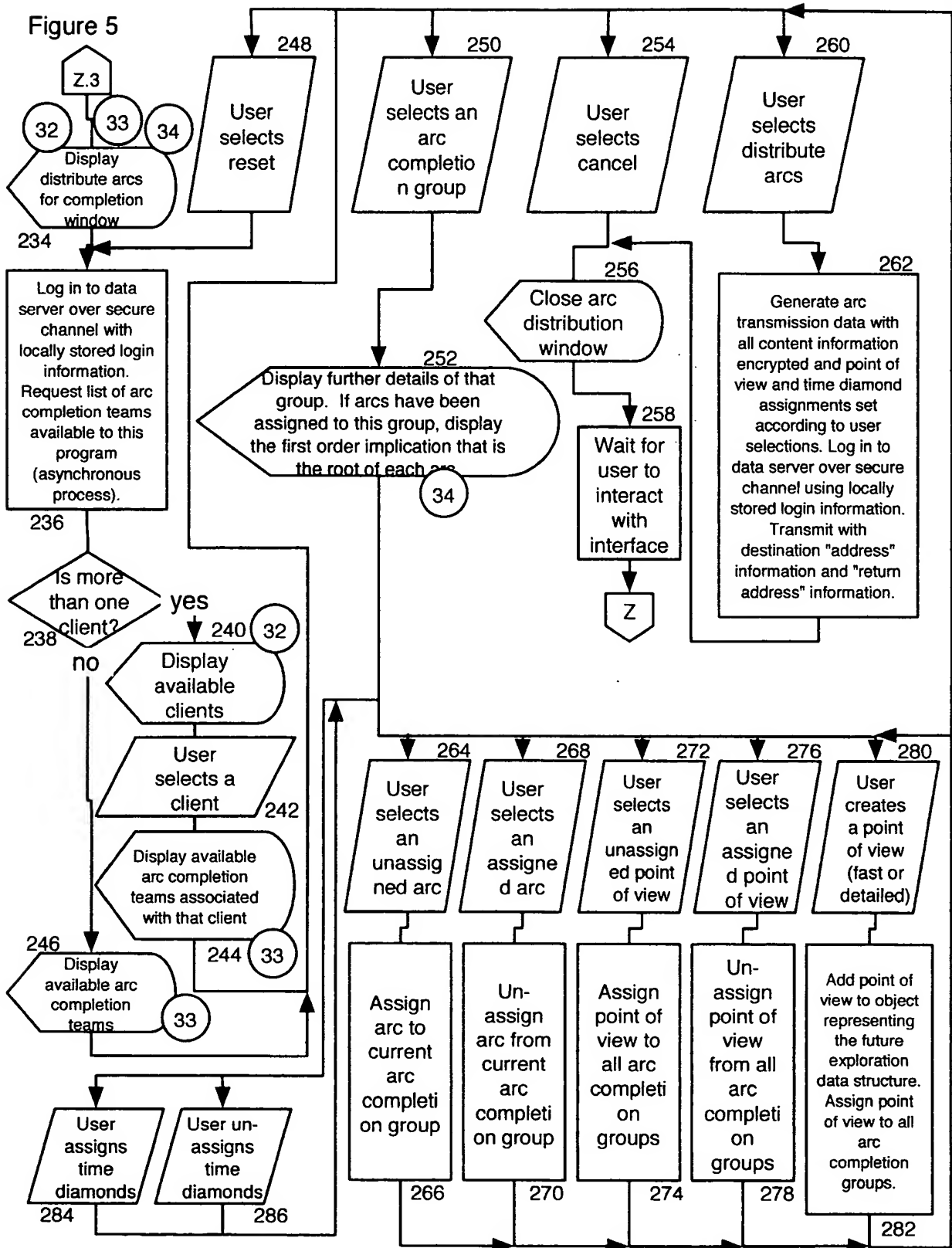


Figure 5

```
graph TD
    Z3{{Z.3}} --> 32((32))
    32 --> 33((33))
    33 --> 34((34))
    34 --> 234[/Display distribute arcs for completion window/]
    234 --> 236[Log in to data server over secure channel with locally stored login information. Request list of arc completion teams available to this program (asynchronous process).]
    236 --> 238{Is more than one client?}
    238 -- yes --> 240[/Display available clients/]
    240 --> 32
    238 -- no --> 242[/User selects a client/]
    242 --> 244[/Display available arc completion teams associated with that client/]
    244 --> 33
    33 --> 246[/Display available arc completion teams/]
    246 --> 248[/User assigns time diamonds/]
    248 --> 284
    246 --> 250[/User un-assigns time diamonds/]
    250 --> 286
    284 --> 252
    286 --> 252
    252{Display further details of that group. If arcs have been assigned to this group, display the first order implication that is the root of each arc.}
    252 --> 254[/User selects an arc completion group/]
    254 --> 256[/Close arc distribution window/]
    256 --> 258[Wait for user to interact with interface]
    258 --> Z{{Z}}
    254 --> 250
    254 --> 256
    254 --> 260[/User selects cancel/]
    260 --> 256
    254 --> 262[/User selects distribute arcs/]
    262 --> 264[Generate arc transmission data with all content information encrypted and point of view and time diamond assignments set according to user selections. Log in to data server over secure channel using locally stored login information. Transmit with destination "address" information and "return address" information.]
    264 --> 266[User selects an unassigned arc]
    266 --> 268[Assign arc to current arc completion group]
    268 --> 270[Un-assign arc from current arc completion group]
    270 --> 272[User selects an unassigned point of view]
    272 --> 274[Assign point of view to all arc completion groups]
    274 --> 276[User selects an assigned point of view]
    276 --> 278[Un-assign point of view from all arc completion groups]
    278 --> 280[User creates a point of view (fast or detailed)]
    280 --> 282[Add point of view to object representing the future exploration data structure. Assign point of view to all arc completion groups.]
    282 --> 252
```

The flowchart illustrates the process of an arc completion system. It begins with a start point (Z.3) leading to a sequence of steps (32, 33, 34) that culminate in displaying a distribution window (234). This leads to a login process (236) and a decision on whether more than one client is present (238). If yes, it displays available clients (240) and loops back to step 32. If no, it proceeds to user selection (242) and displays associated teams (244), then displays available teams (246). From 246, the user can assign or un-assign time diamonds (248, 250), leading to steps 284 and 286 respectively. Both lead to step 252, which displays further details of a group. From 252, the user can select an arc completion group (254), close the distribution window (256), wait for interaction (258), or select cancel (260). Selecting an arc completion group (254) leads to a series of actions: assigning/un-assigning arcs (266, 270) and points of view (272, 278), or creating a point of view (280). These actions lead to steps 268, 274, 278, and 282, which then loop back to step 252. The process concludes with a final step (Z) after waiting for interaction (258).



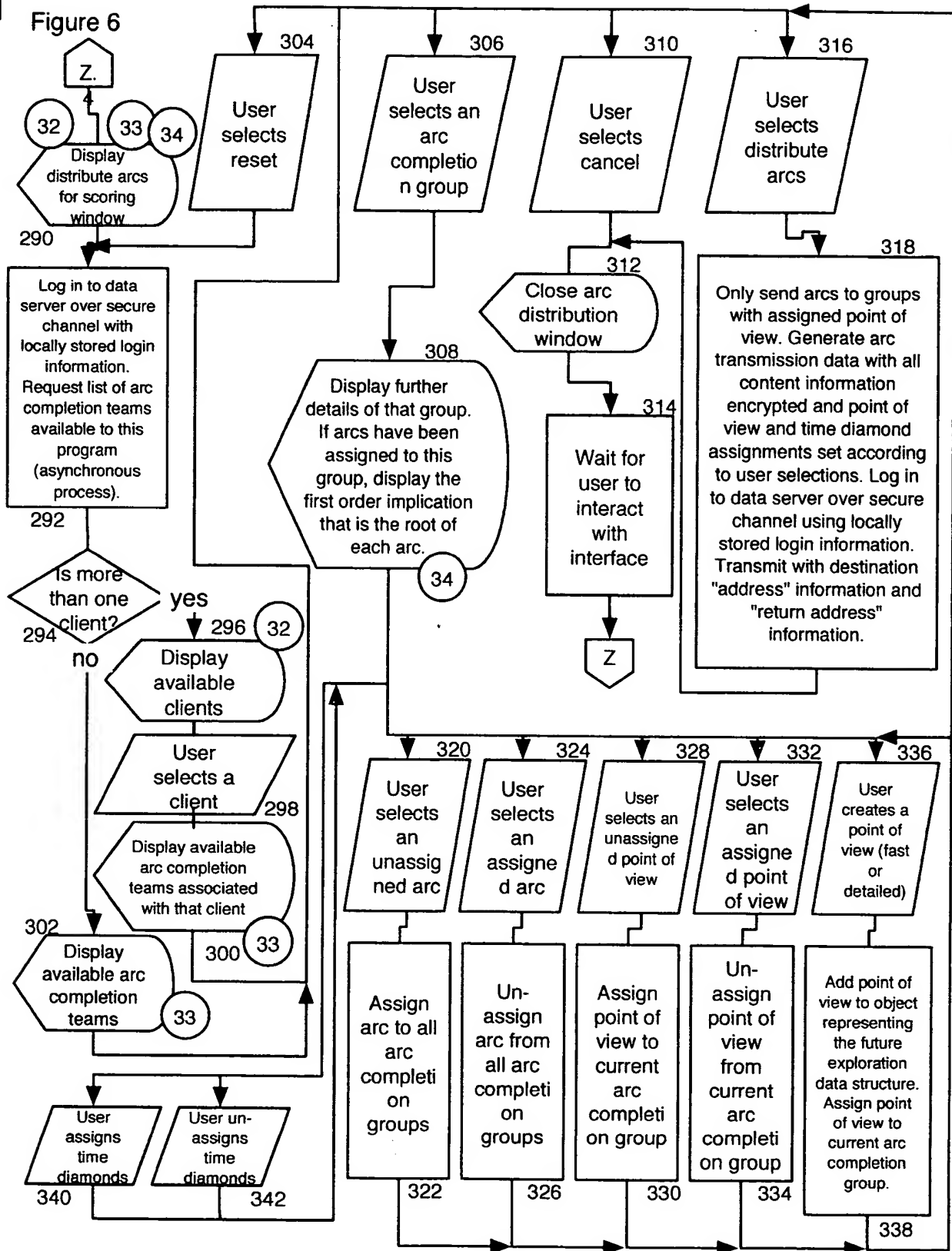
[illegible]

Figure 7

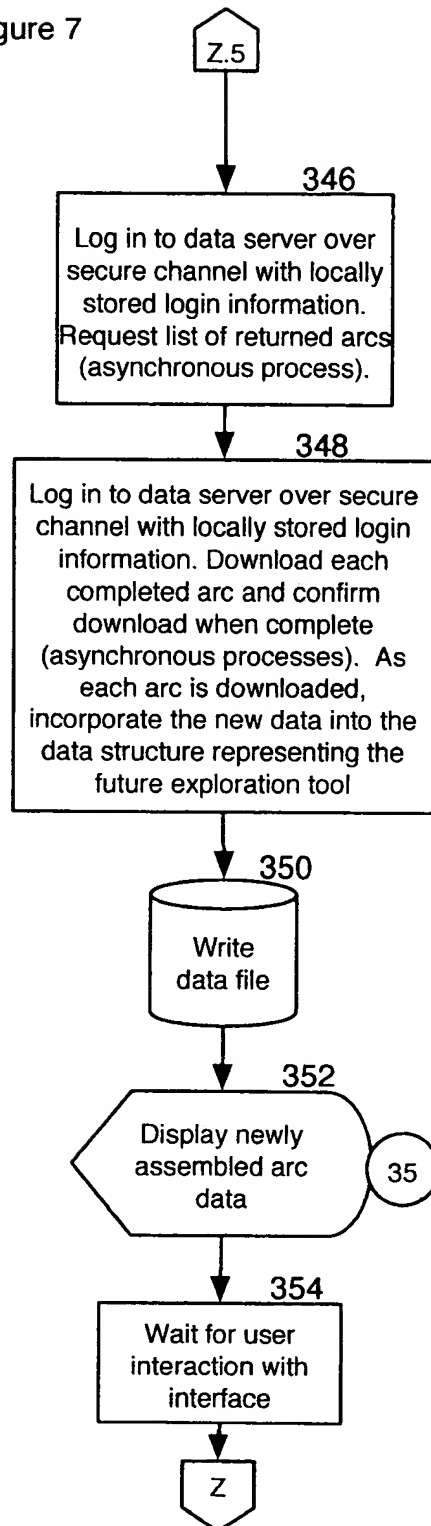


Figure 8

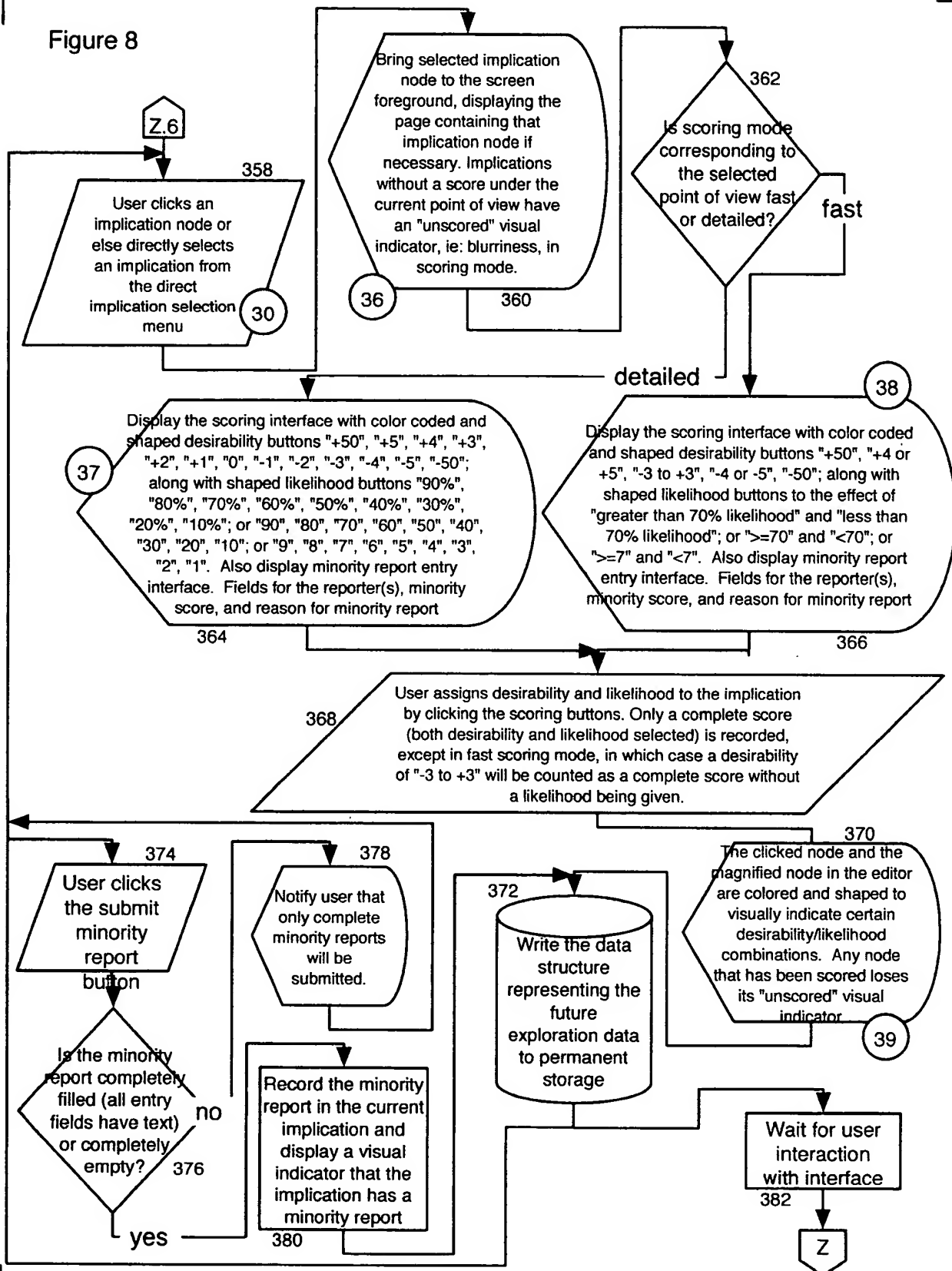


Figure 9

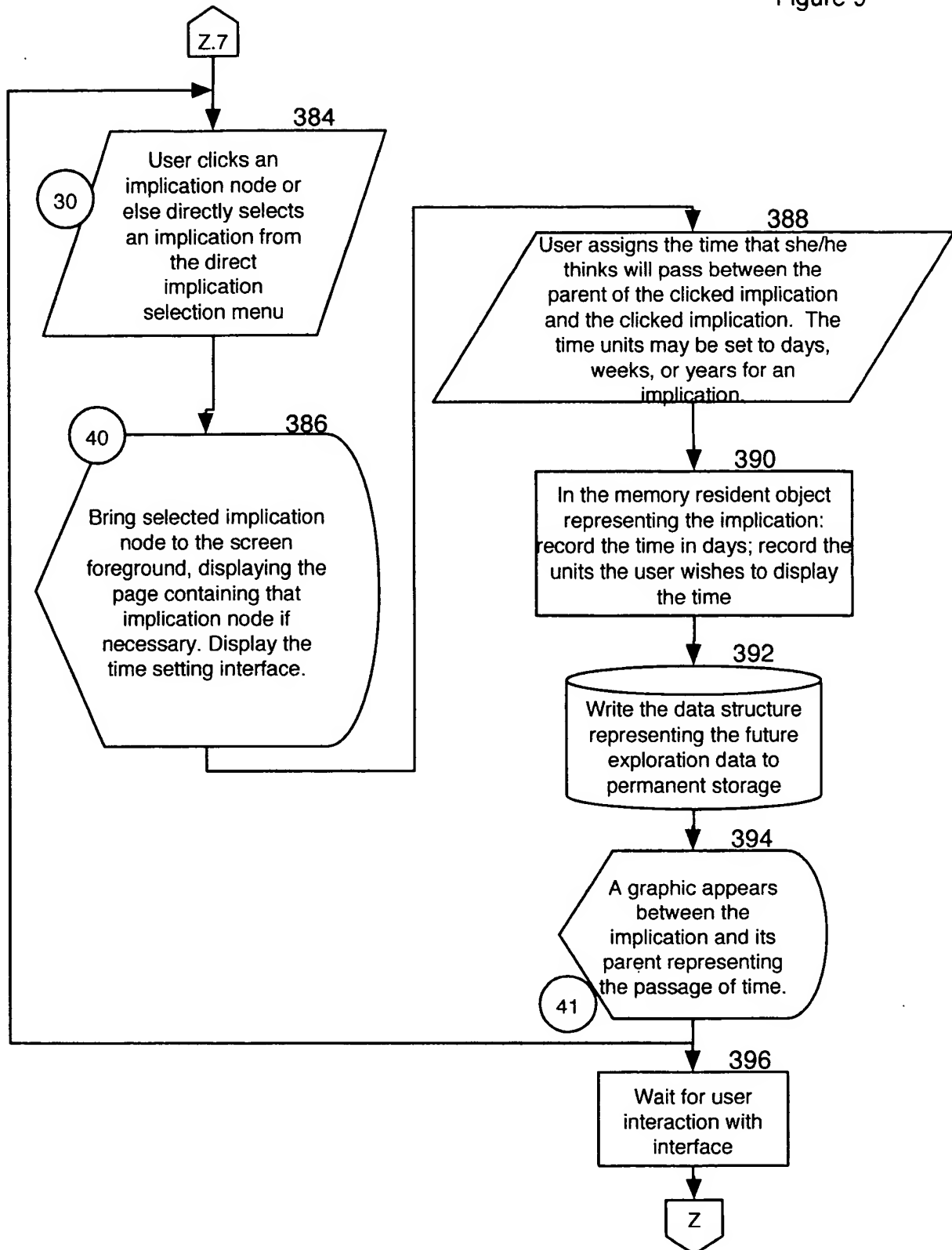


Figure 10

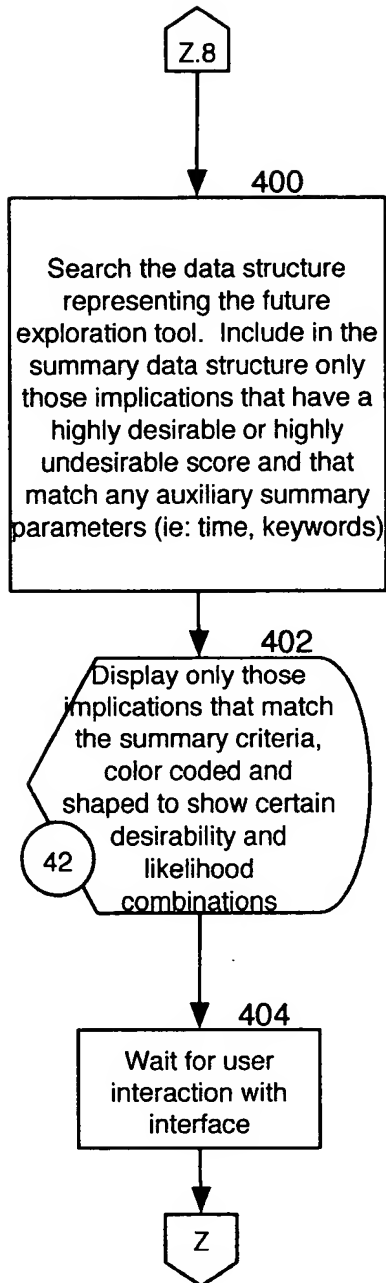


Figure 11

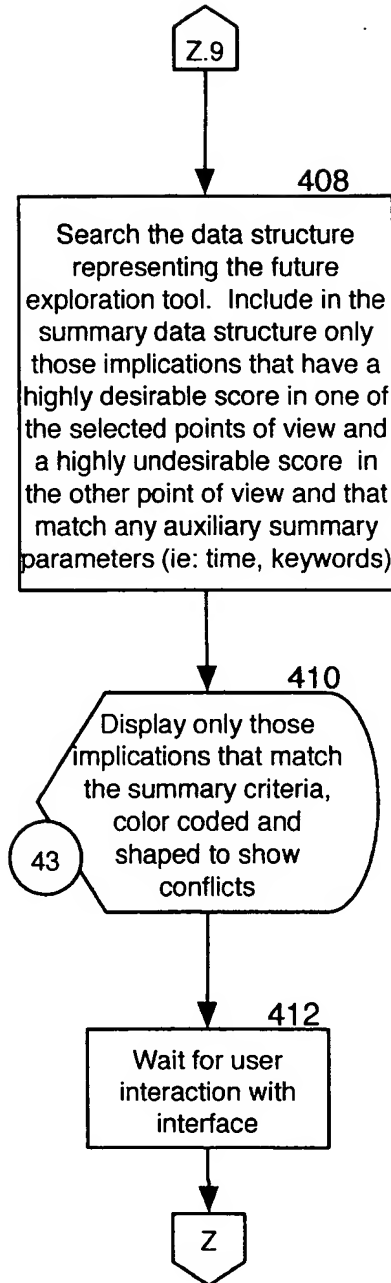


Figure 12

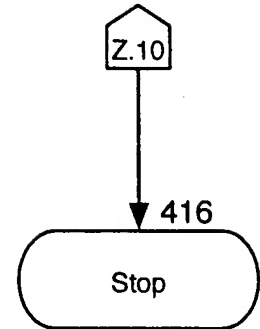


Figure 13

Do you want to check the server
for an updated subscription?

No Yes

502 500

This is a rectangular dialog box with a thin black border. Inside, the text 'Do you want to check the server for an updated subscription?' is centered. Below the text are two rounded rectangular buttons labeled 'No' and 'Yes'. A vertical line connects the 'No' button to the number '502' below it, and another vertical line connects the 'Yes' button to the number '500' below it.

Figure 14

Organization Name:

Group/User Name:

Password:

New Password:

Quit OK

504 506 508 510 514 512

This is a rectangular form with a thin black border. It contains four text input fields, each preceded by a label: 'Organization Name:', 'Group/User Name:', 'Password:', and 'New Password:'. To the right of each input field is a horizontal line pointing to a number: '504' for Organization Name, '506' for Group/User Name, '508' for Password, and '510' for New Password. At the bottom of the form are two rounded rectangular buttons labeled 'Quit' and 'OK'. Below the 'Quit' button is the number '514', and below the 'OK' button is the number '512'.

Figure 15

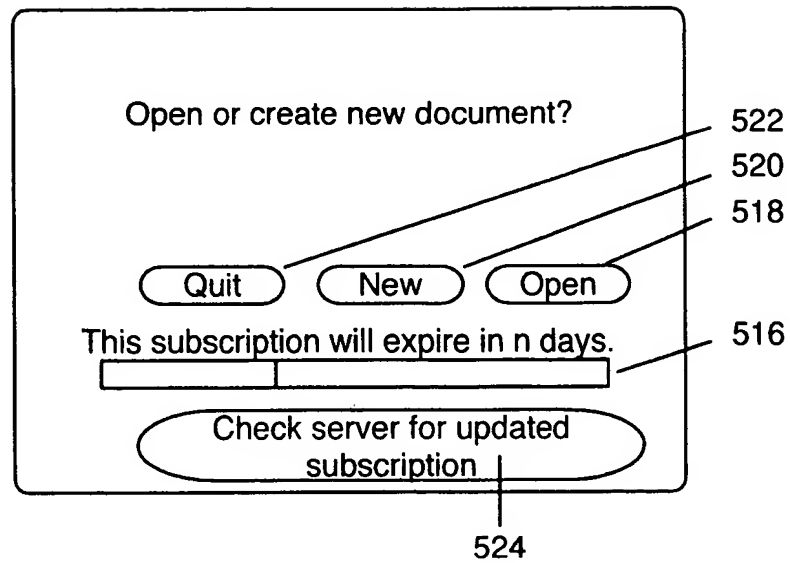


Figure 16

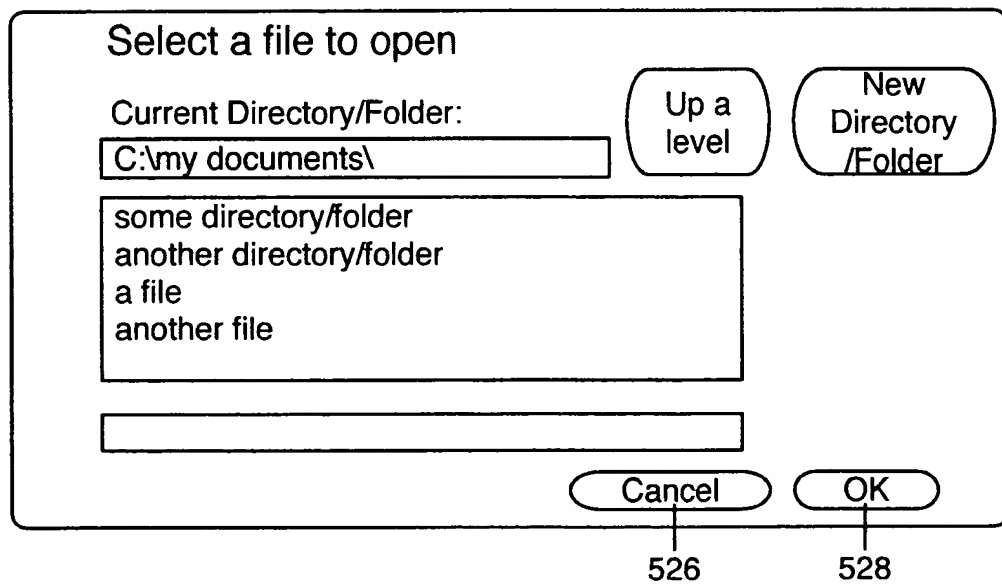
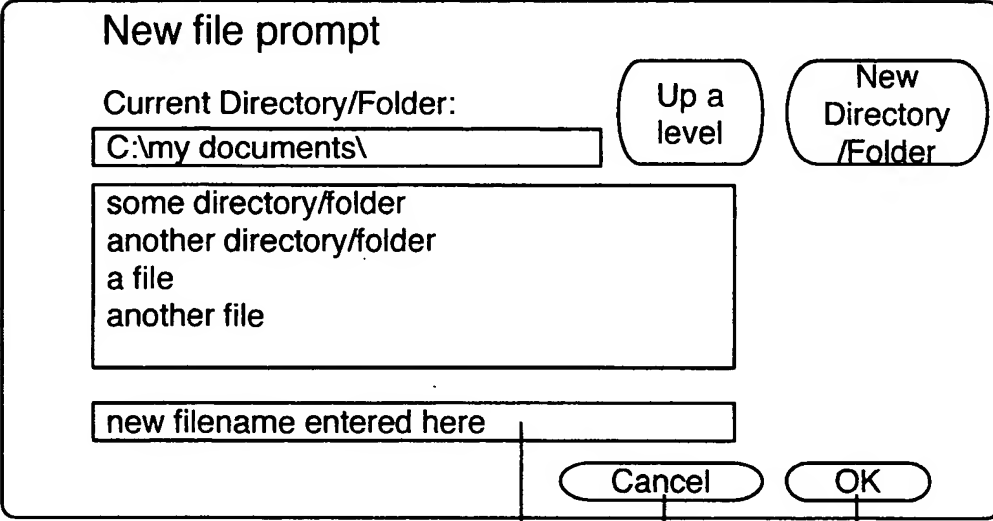


Figure 17



The diagram shows a 'New file prompt' dialog box. It contains a label 'Current Directory/Folder:' followed by a text box containing 'C:\my documents\' and a button 'Up a level'. To the right is a button 'New Directory /Folder'. Below these is a list box containing 'some directory/folder', 'another directory/folder', 'a file', and 'another file'. At the bottom is a text box containing 'new filename entered here' and two buttons, 'Cancel' and 'OK'. A vertical line connects the text box to the number 532. A vertical line connects the 'Cancel' button to the number 530. A vertical line connects the 'OK' button to the number 534.

New file prompt

Current Directory/Folder:

C:\my documents\

Up a level

New Directory /Folder

some directory/folder
another directory/folder
a file
another file

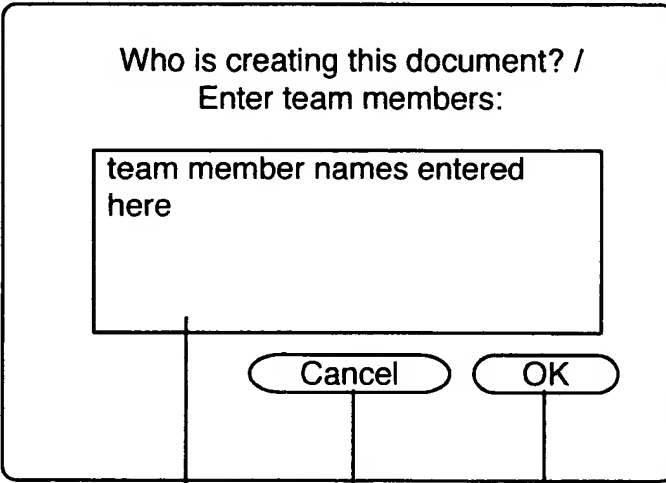
new filename entered here

Cancel

OK

532 530 534

Figure 18



The diagram shows a dialog box titled 'Who is creating this document? / Enter team members:'. It contains a text box with the text 'team member names entered here'. Below the text box are two buttons, 'Cancel' and 'OK'. A vertical line connects the text box to the number 536. A vertical line connects the 'Cancel' button to the number 538. A vertical line connects the 'OK' button to the number 540.

Who is creating this document? /
Enter team members:

team member names entered
here

Cancel

OK

536 538 540

Figure 19

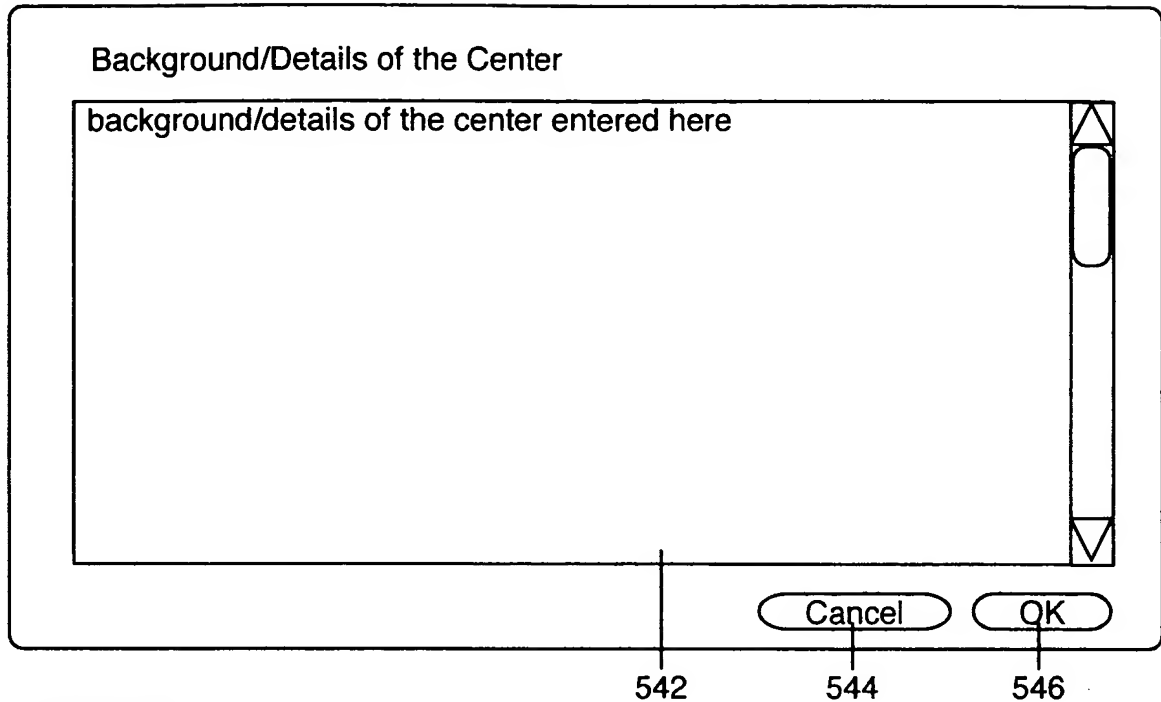


Figure 20

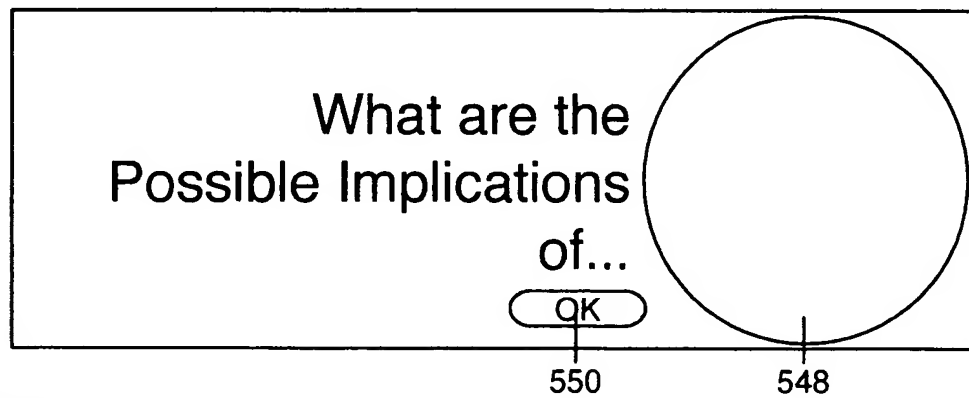


Figure 21

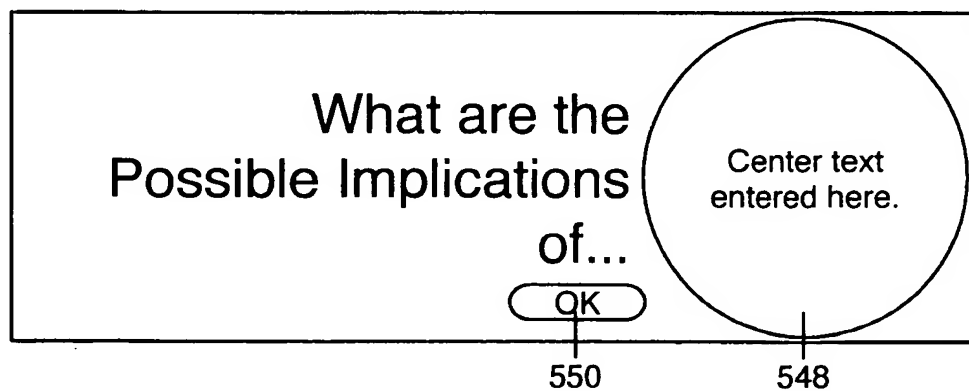


Figure 22

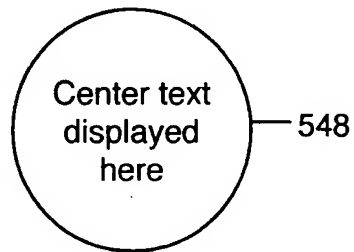
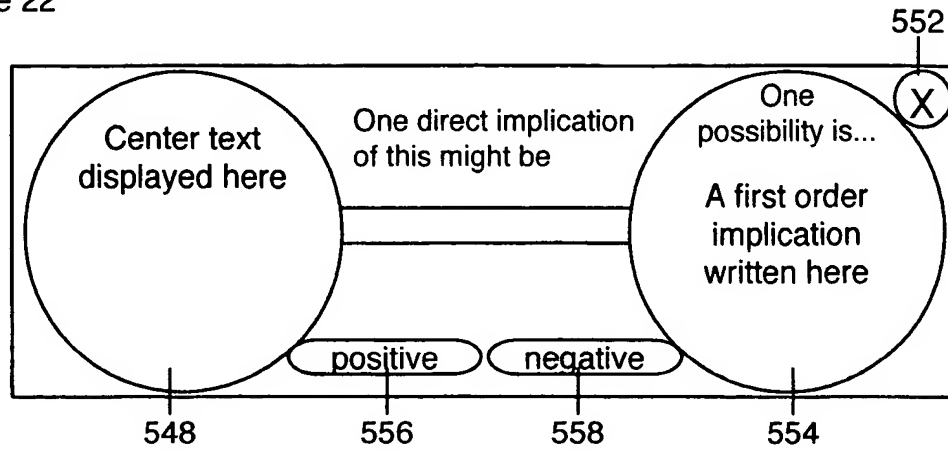


Figure 23

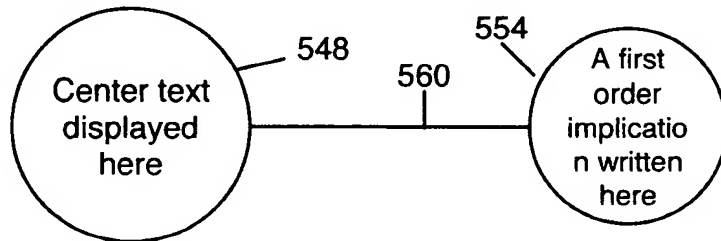
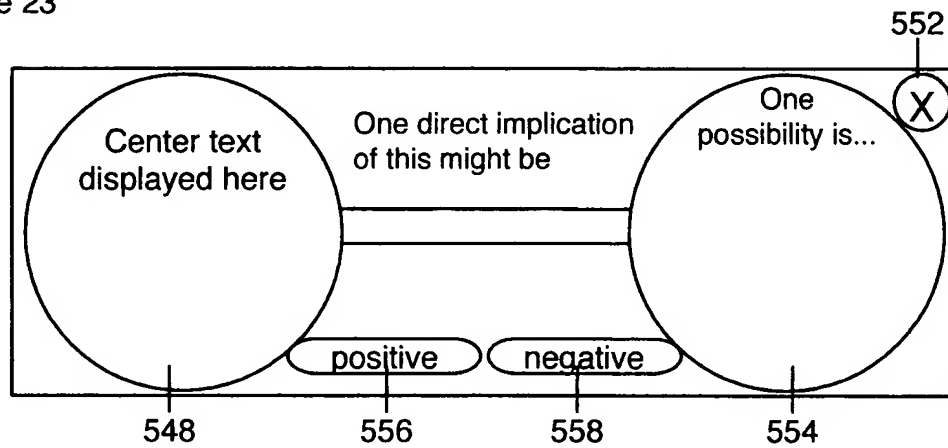


Figure 24

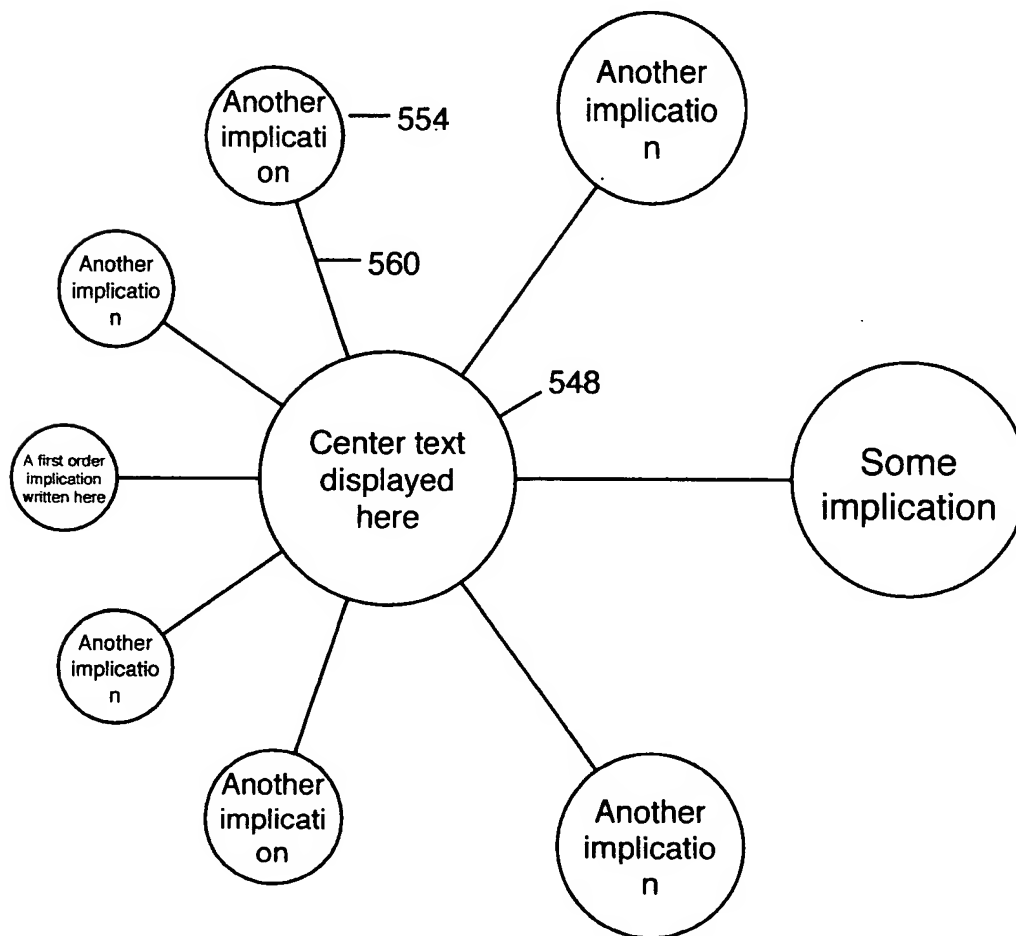
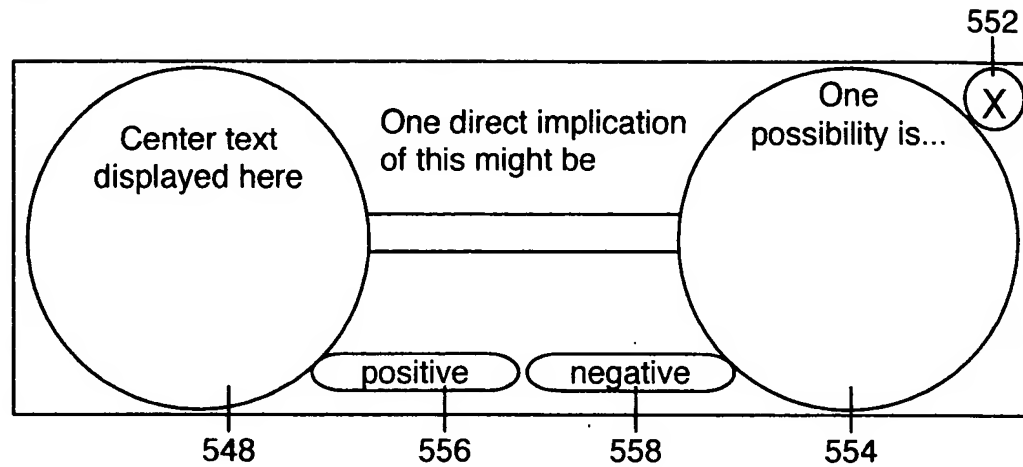


Figure 25

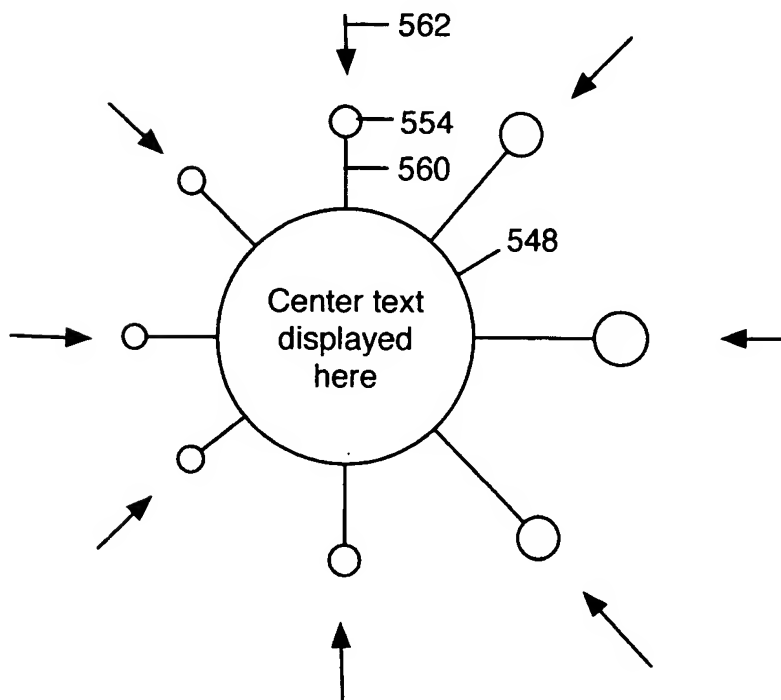
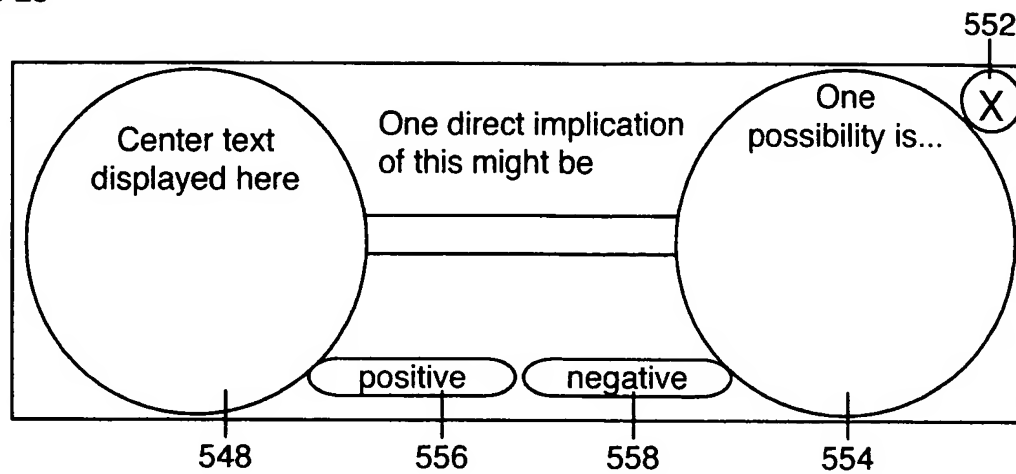


Figure 26

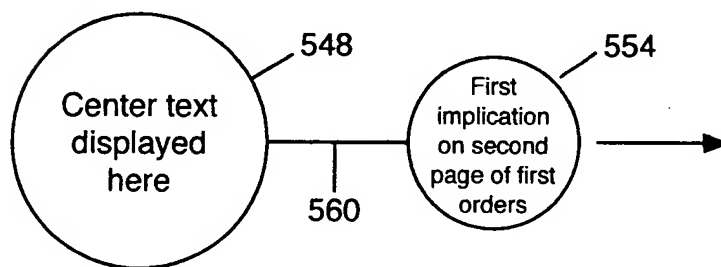
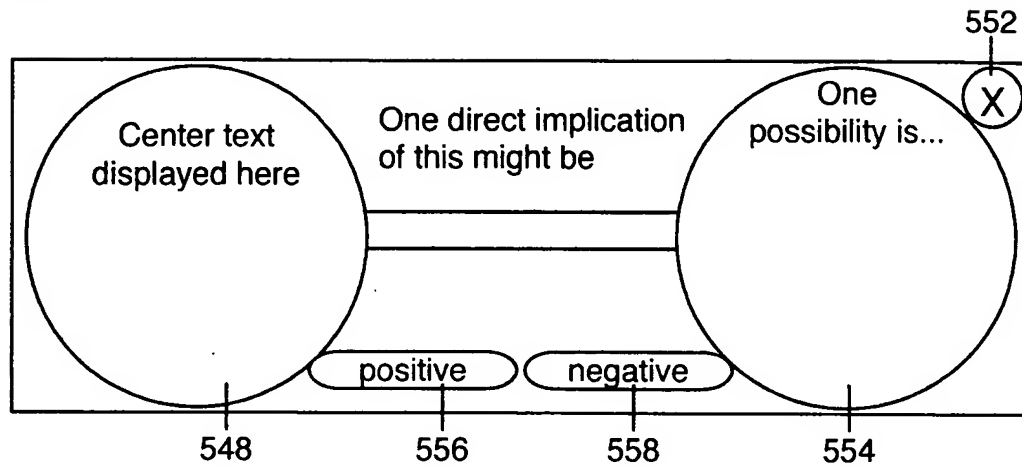


Figure 27

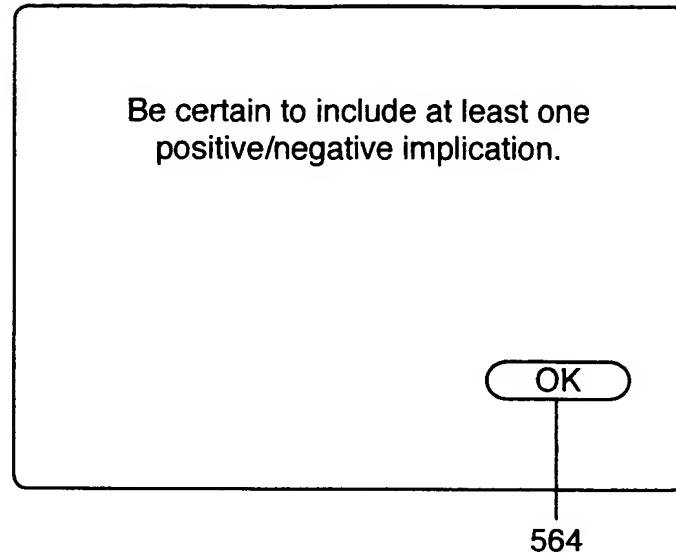


Figure 28

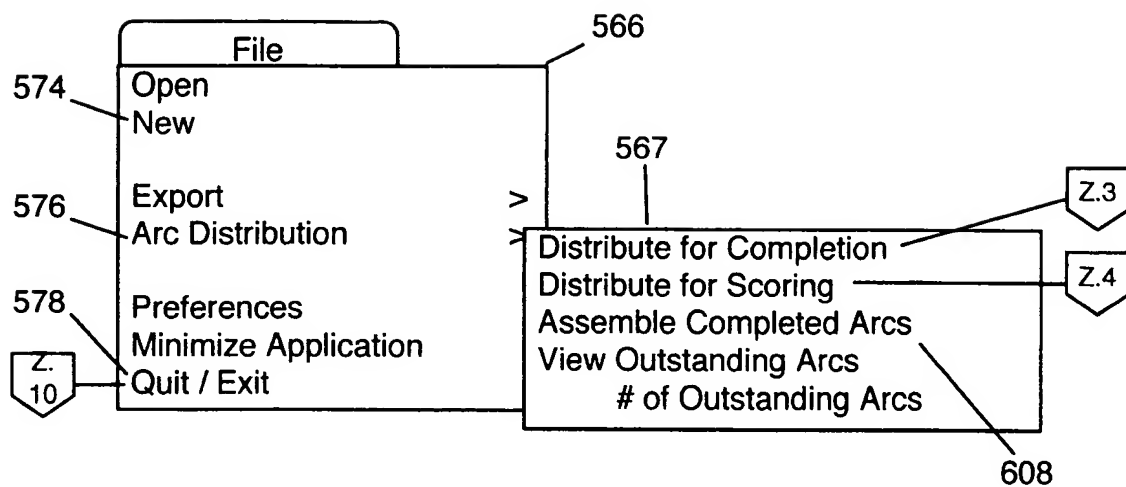


Figure 29

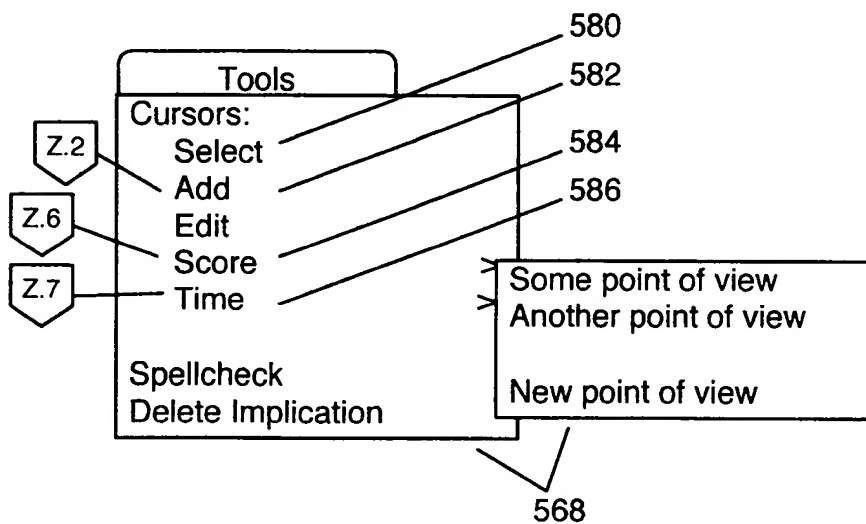


Figure 30

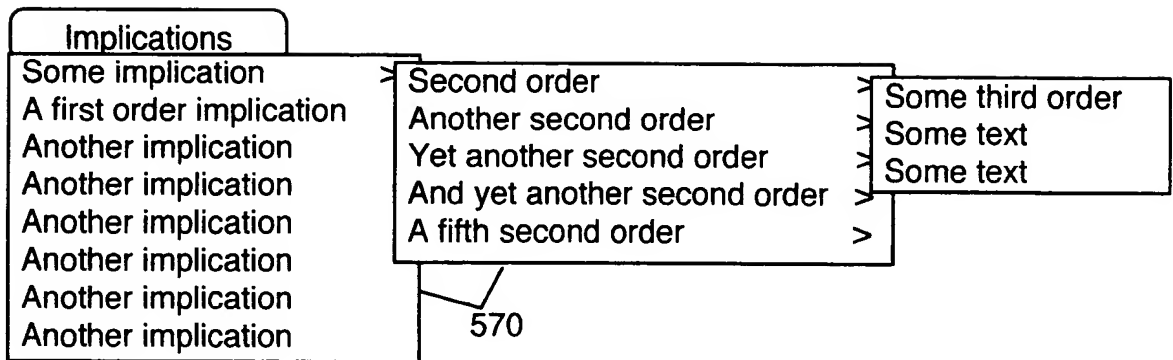


Figure 31

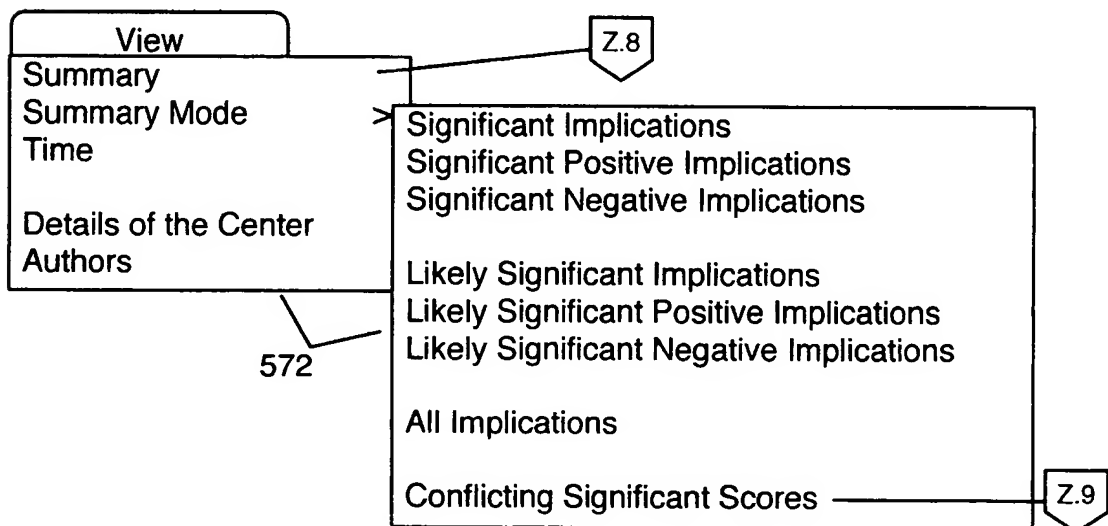


Figure 32

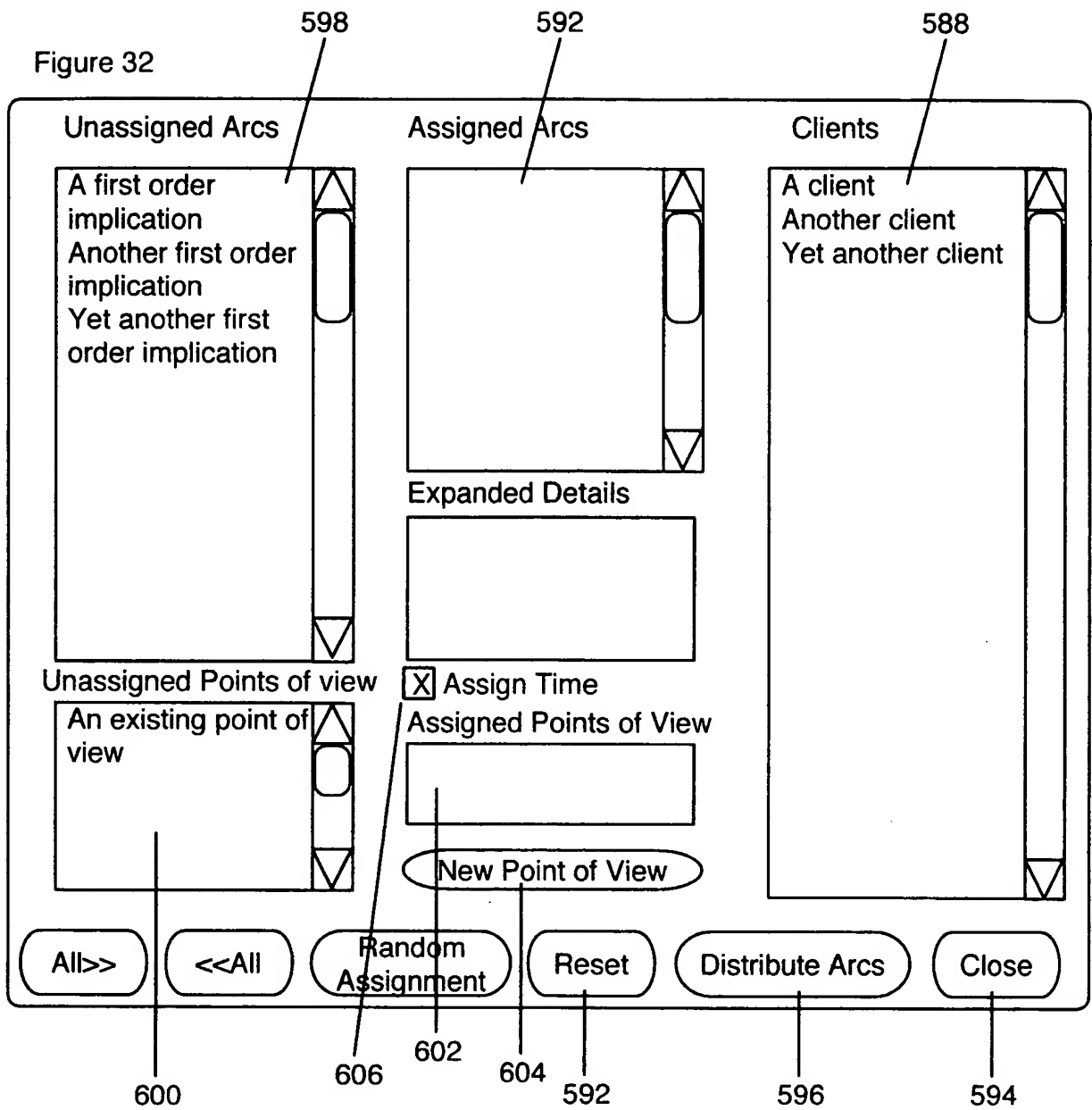


Figure 33

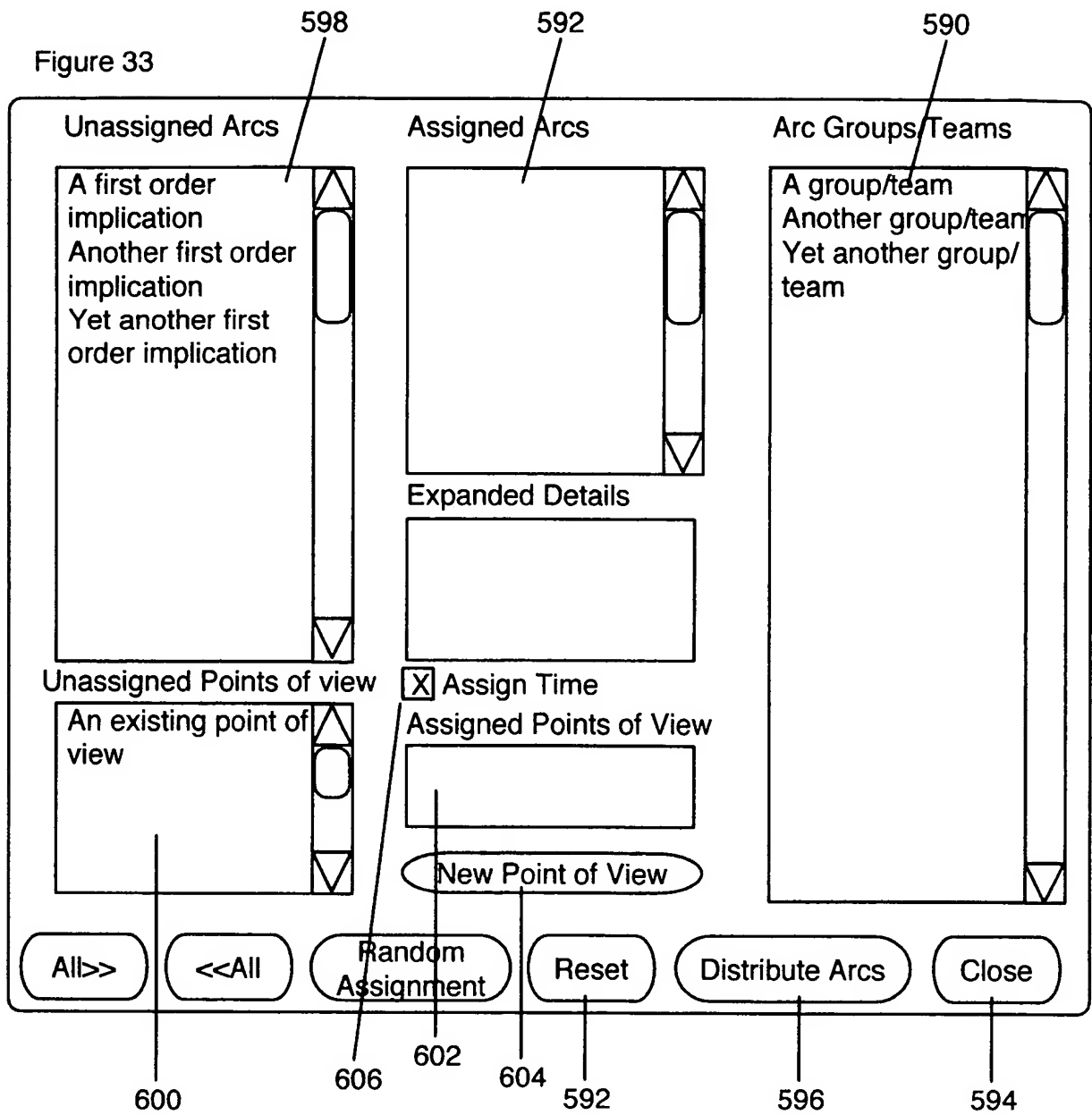
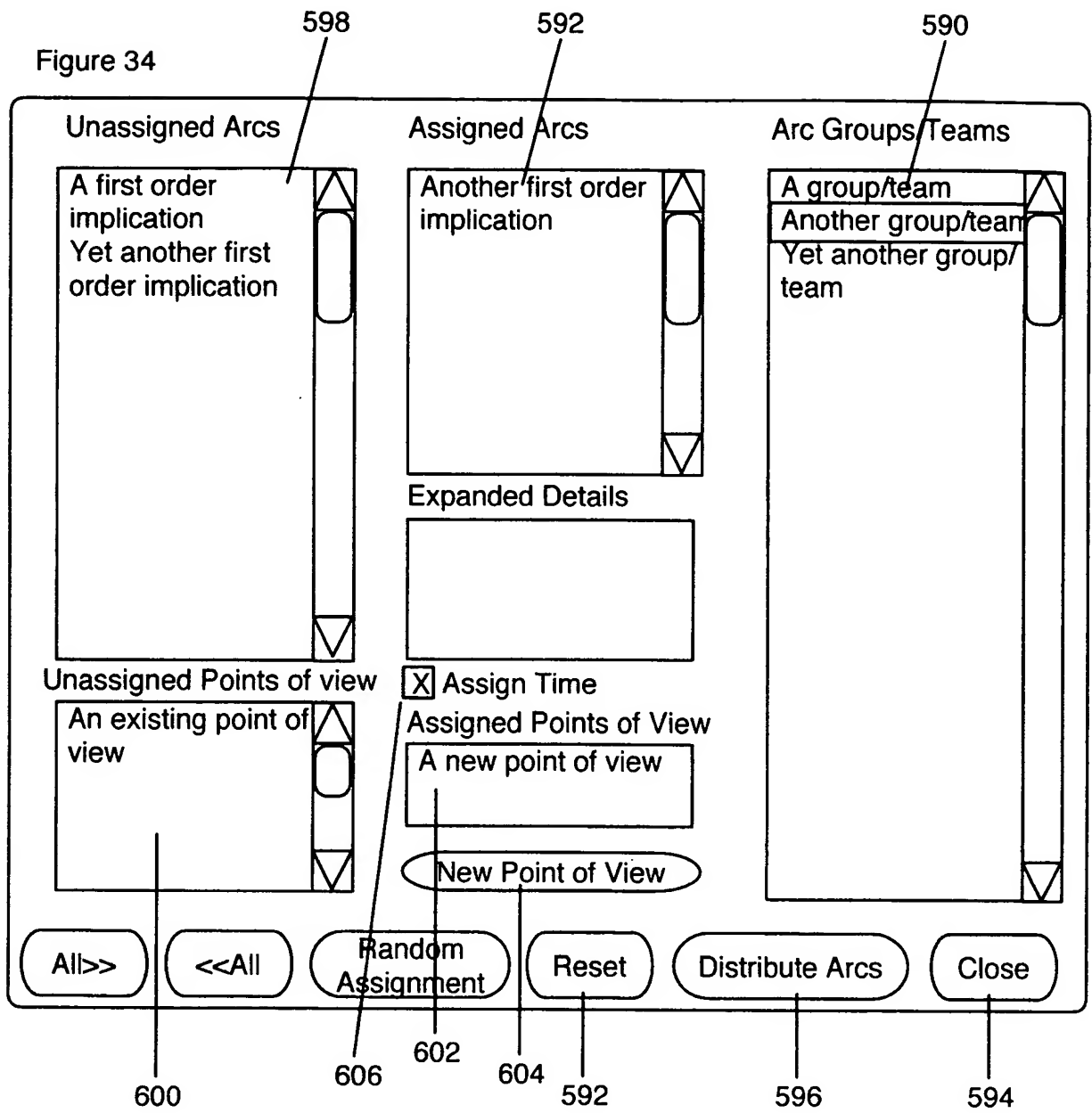


Figure 34



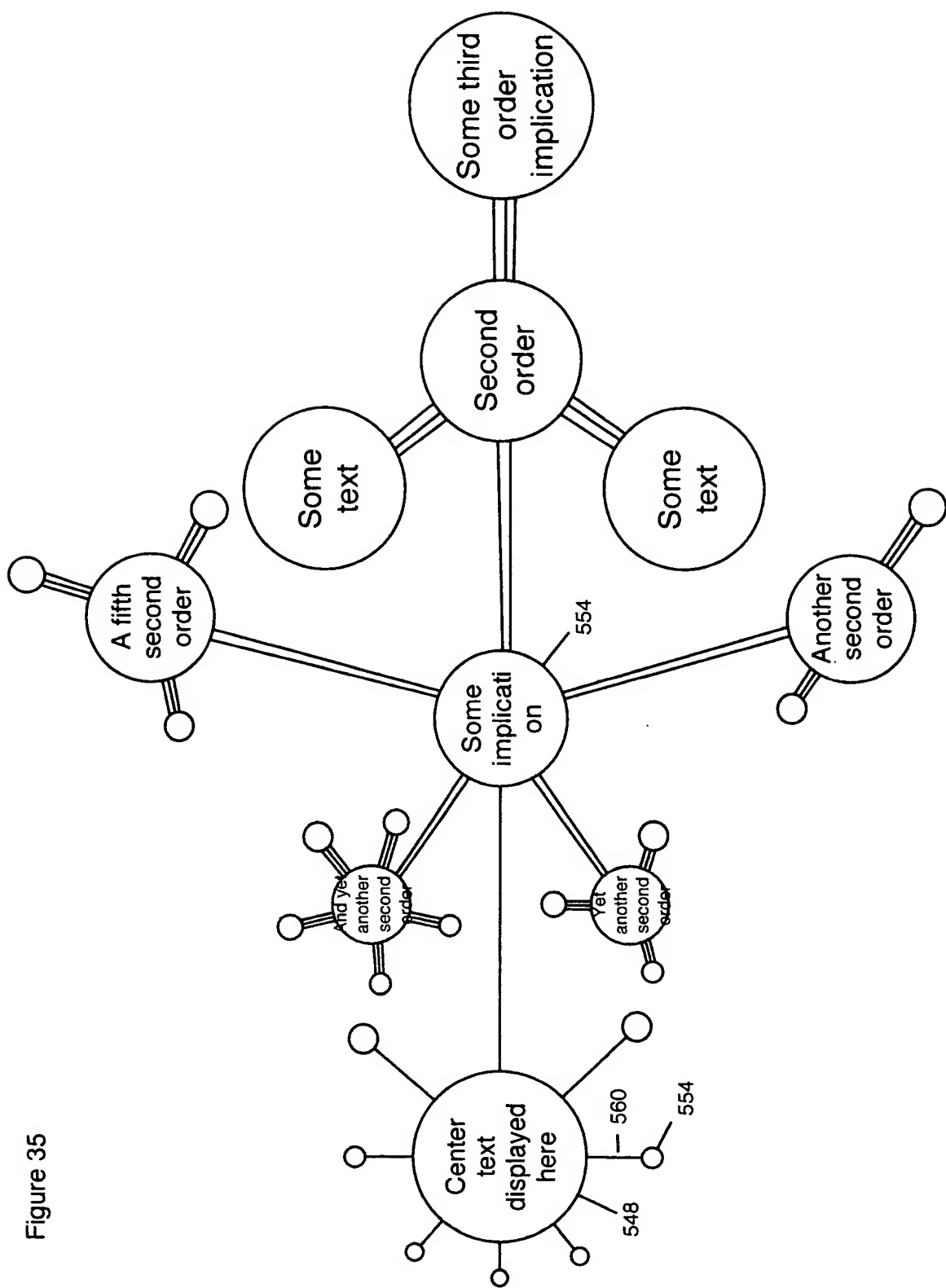


Figure 35

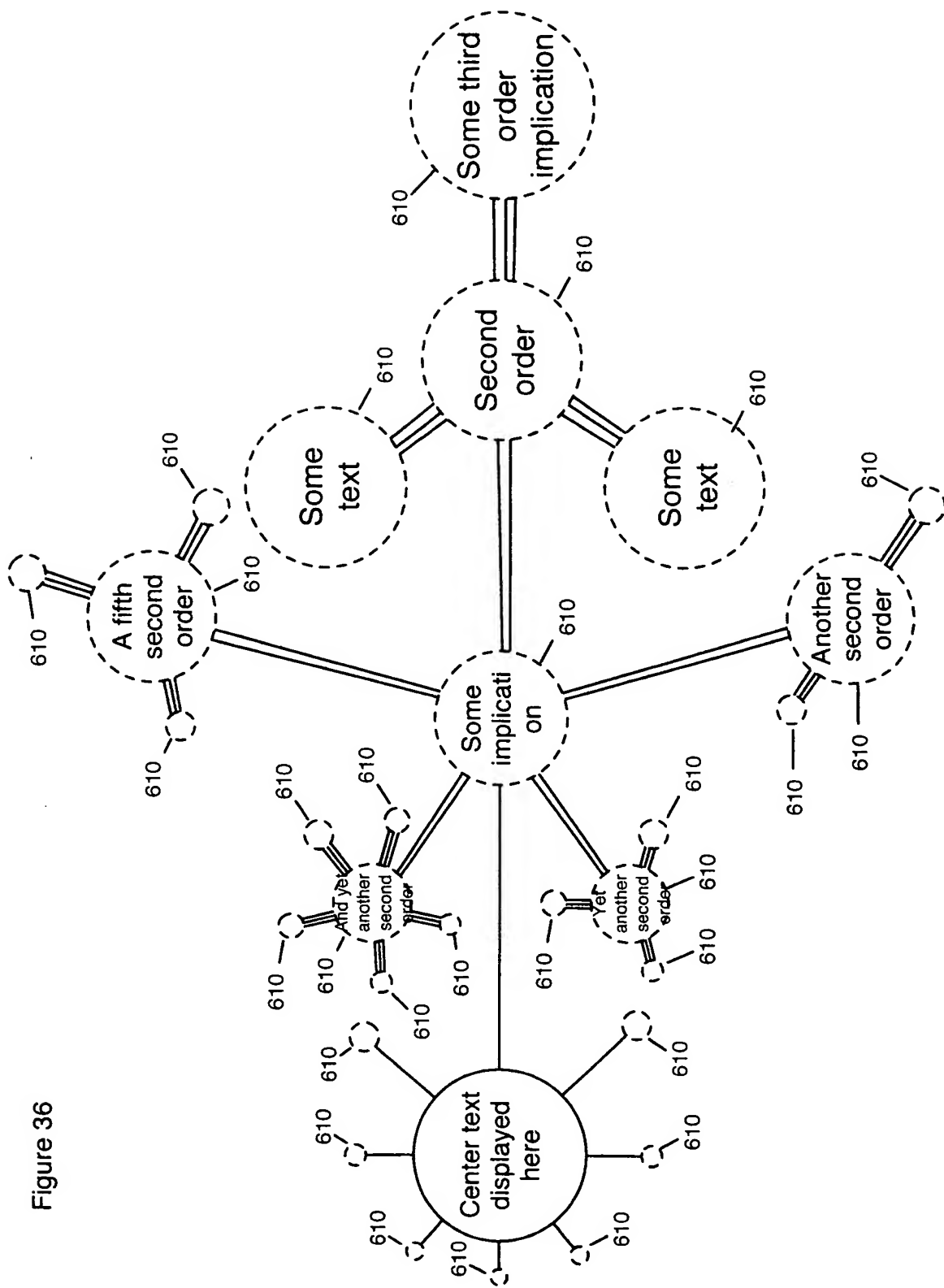


Figure 36

Figure 37

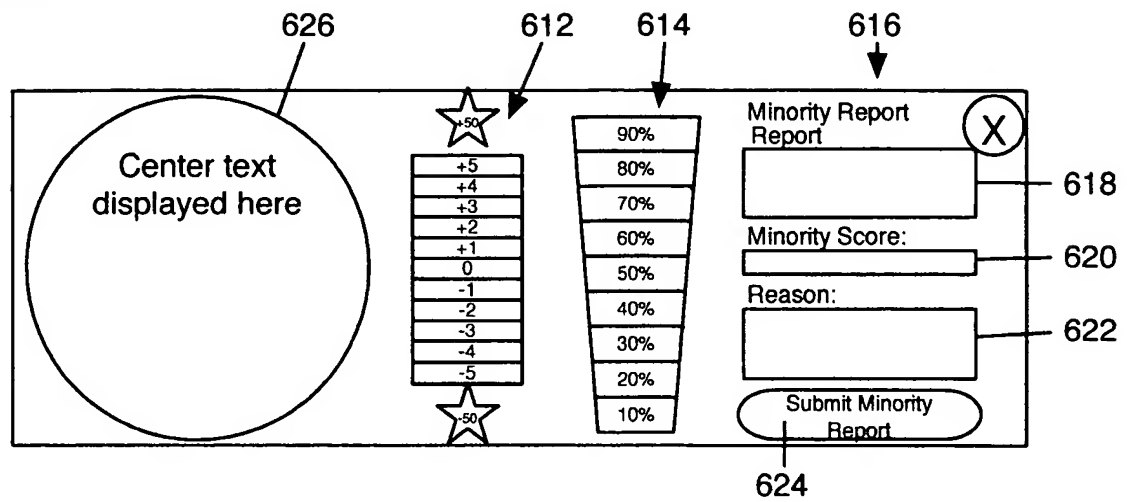
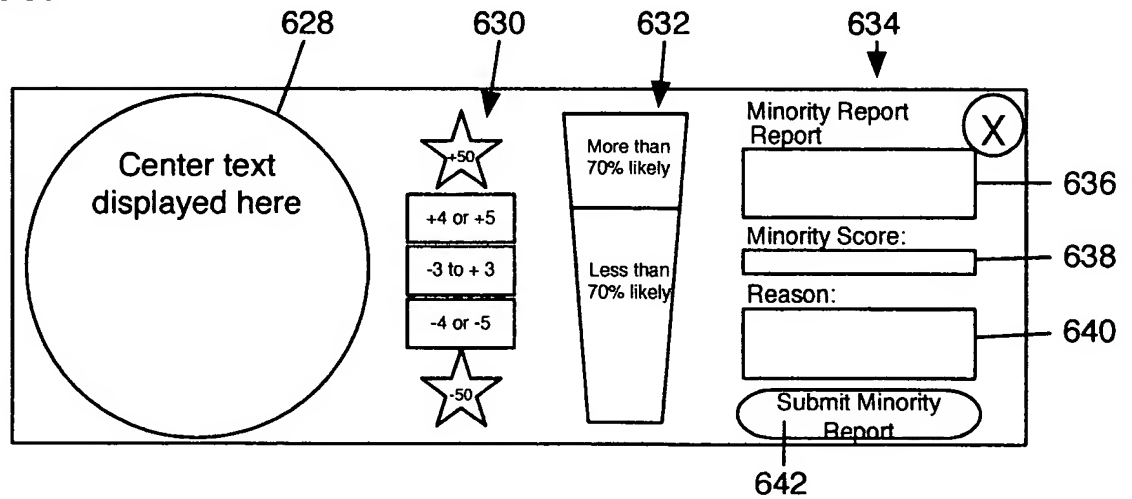


Figure 38



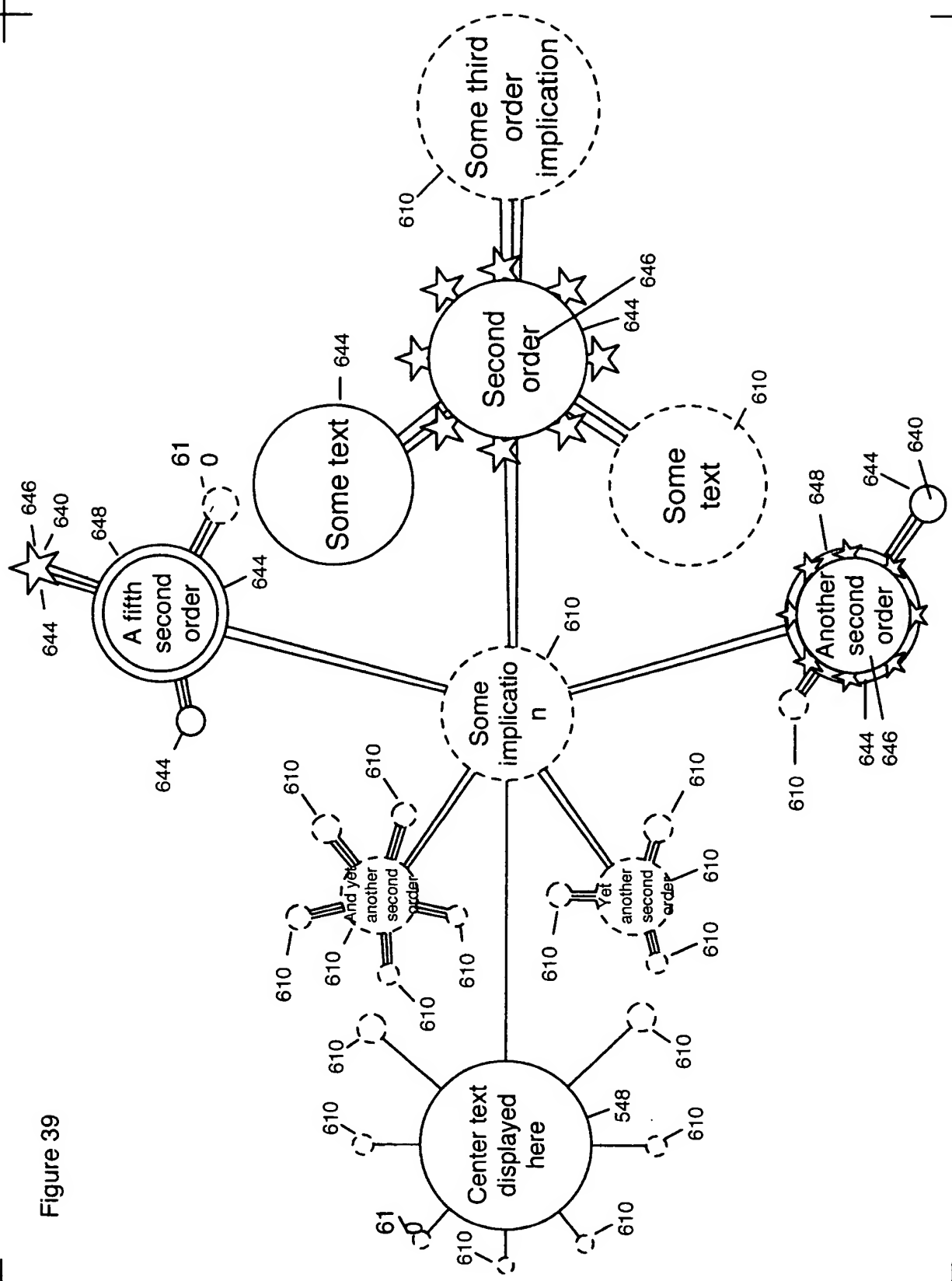
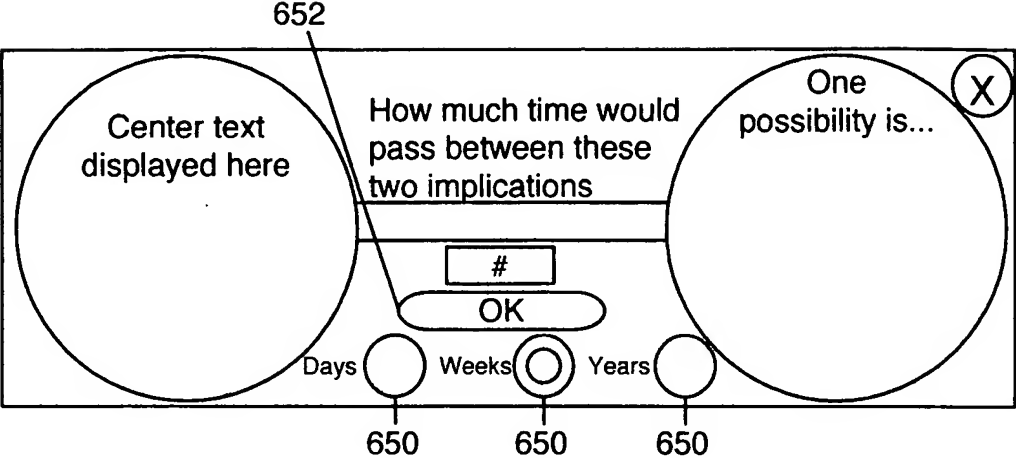


Figure 39

Figure 40



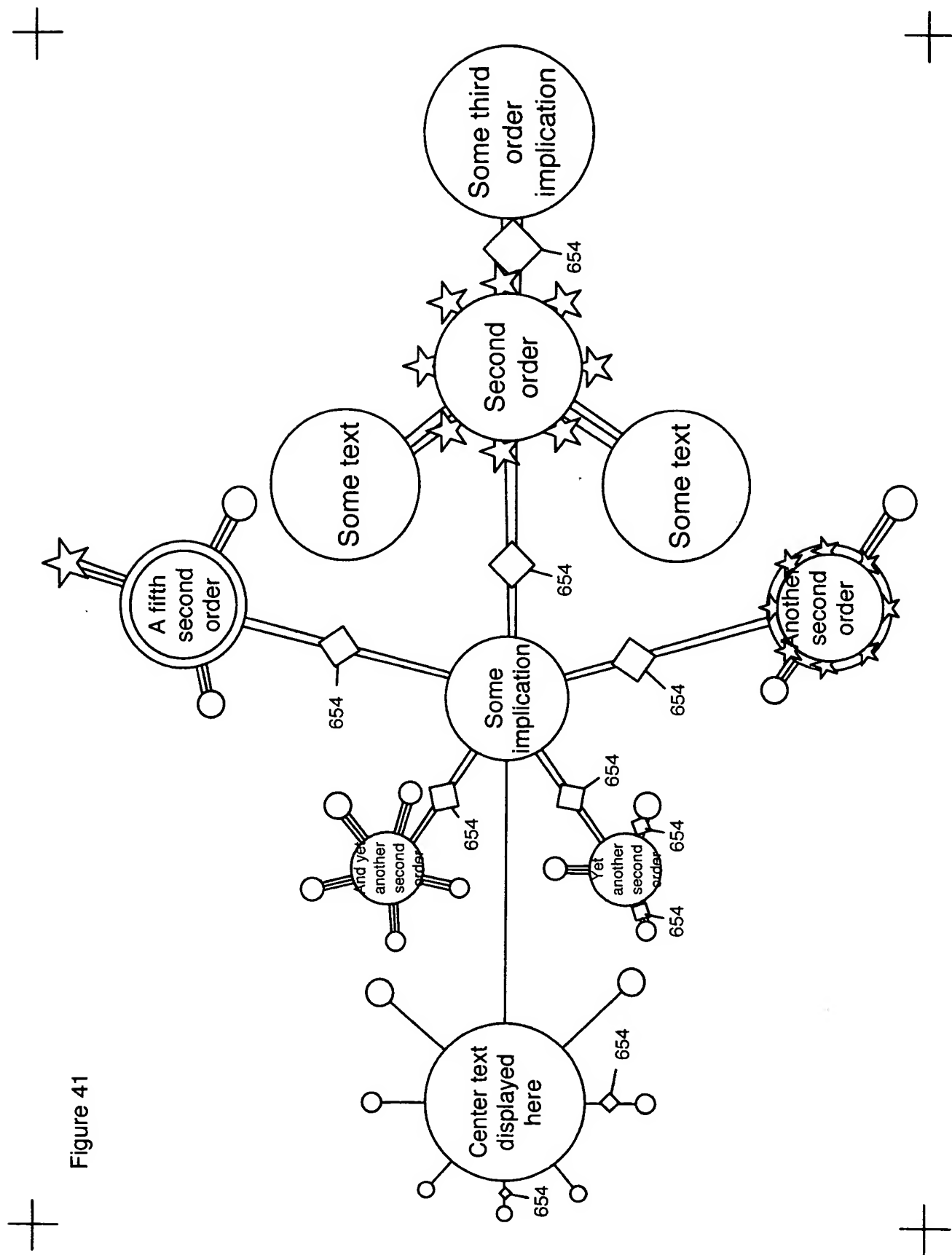


Figure 41

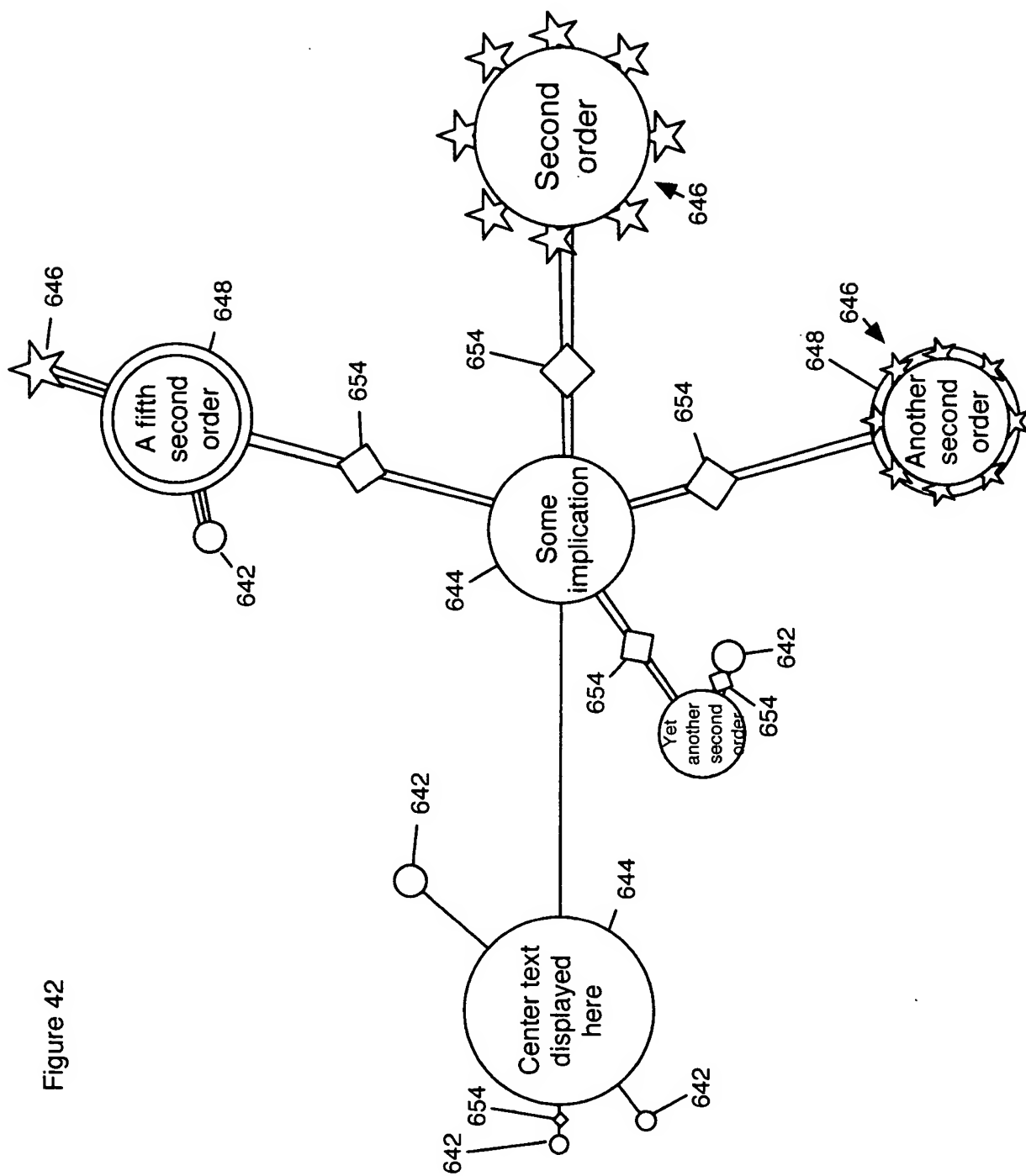


Figure 42

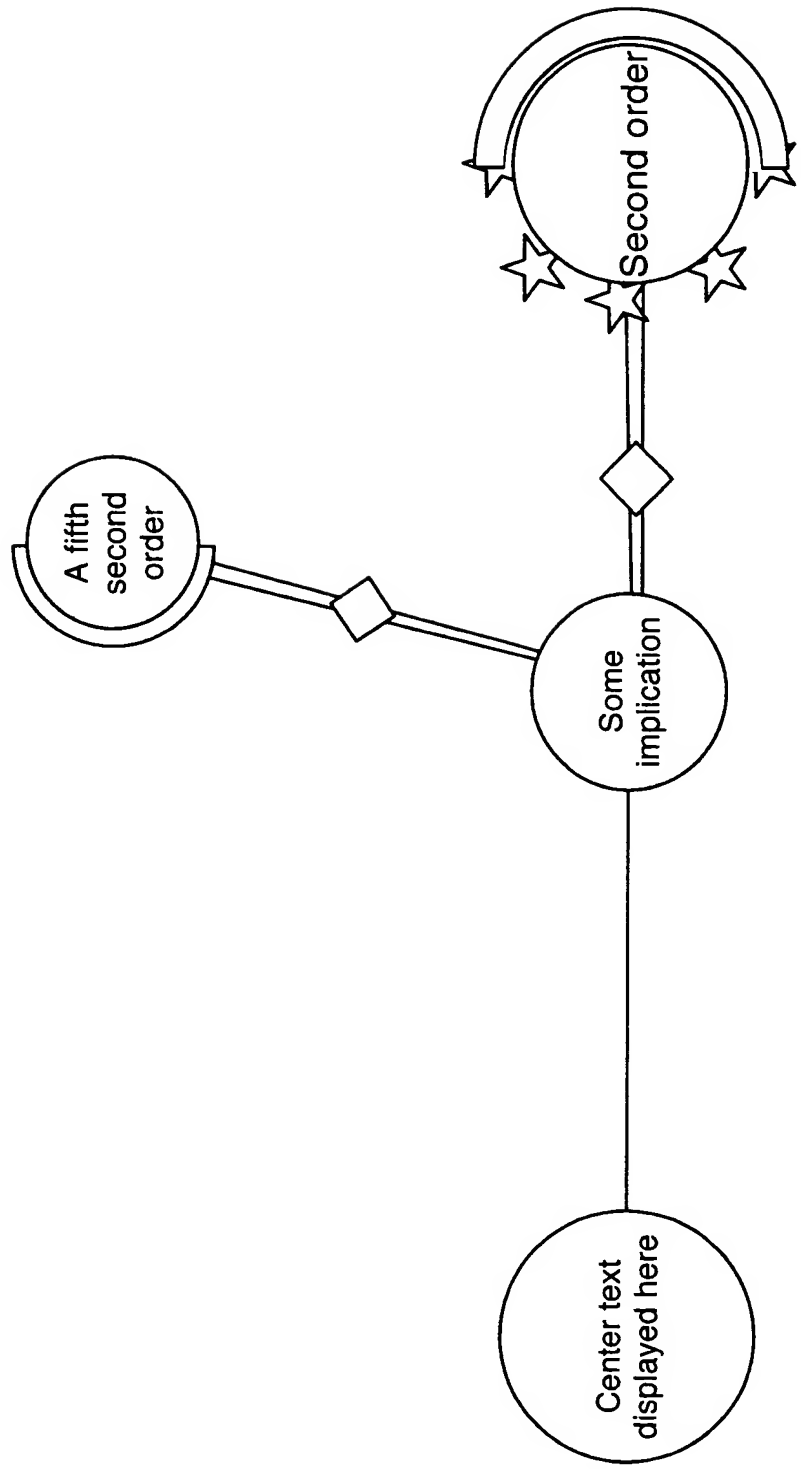


Figure 43

Figure 44

